

# Gabriel Marin

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## WORK EXPERIENCE

### Luxoft

**Bucharest, Romania**

Software Engineer

2022-Present

- Provided better testing tooling to at least 2 teams by developing command line application using C++ and ZeroMQ library for sending/receiving messages over TCP sockets.
- Increase code coverage by minimum 75% by creating unit tests using Boost library.
- Aligned codebase in 5 projects according to coding guidelines by refactoring multiple repositories.

### Continental

**Sibiu, Romania**

Software Engineer

2021-2022

- Enhanced C code production by working on XML generator using Java and AUTOSAR library.

### Ministry of Internal Affairs

**Rm.Valcea, Romania**

System Engineer

2019-2021

- Reduce computer setup by 1+ hour by creating automation scripts.

### Ministry of Internal Affairs

**Bucharest, Romania**

Middleware Engineer

2018-2019

- Give access to at least 80 users in Oracle SQL database by changing permissions according to requirements.

## OPEN SOURCE

### Curl

[github.com/curl/curl](https://github.com/curl/curl)

- Improved code formatting with 17 new findings by adding check for spaces around ternary operators using Perl.

### Ttyper

[github.com/maxniederman/ttyper](https://github.com/maxniederman/ttyper)

- Supplied application customization by solving 1 issue and implementing a functionality that permits to change the shape of the corners using Rust.

## PROGRAMMING LANGUAGES

C, C++, Go, Rust, Python, Bash, Java, Clojure, JavaScript, Lisp, Lua, Perl, Erlang, Elixir, C#, Assembly, SQL, NoSQL

## TOOLS & LIBRARIES

GNU/Linux, Git, Coreutils, Vim, ZeroMQ, Regexp, L<sup>A</sup>T<sub>E</sub>X, Emacs, Docker, GDB, Boost, Make, CMake, OpenSSL, OpenWrt, HTML/CSS, RabbitMQ, Valgrind, FlatBuffers, Hugo, Terraform, Django

## EDUCATION

### Military Technical Academy

**Bucharest**

Master's Degree in Telecommunications Engineering

2018-2020

### Military Technical Academy

**Bucharest**

Bachelor's Degree in Telecommunications Engineering

2014-2018

## LANGUAGES

Romanian, English, Italian, French